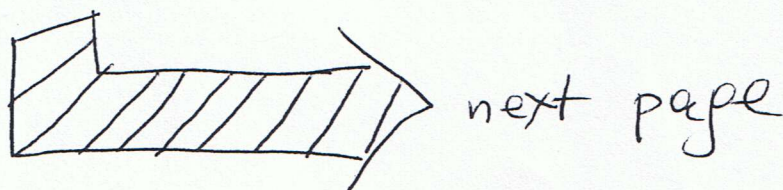## Information about the final exam

The Final Exam will take place on Monday December 6, 2010 from 3pm to 5pm. The final will be closed books and closed notes. You will <u>not</u> be allowed to use calculators neither computers nor cell phones.
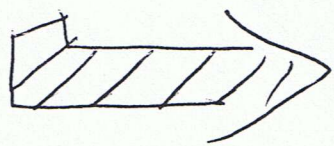
The materials for the final follow on the next pages.

<u>IMPORTANT NOTE</u>: <u>DO NOT</u> miss the final exam.

 next page

Materials for the final exam

You are responsible for the following materials:

1) <u>RISCs versus CISCs</u>: (I have given you a hardcopy handout in class on this topic)

2) <u>MIPS notes #1, #2, #3</u>: You are responsible for everything from MIPS notes #1, #2, #3.

3) <u>MIPS notes #4</u>: You are responsible from the beginning of MIPS notes #4 up to the point where it says "Histogram Program". You are not responsible for anything starting with Histogram Program until the end of MIPS notes #4.

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Materials for the final exam cont.

4) MIPS notes #5: You are only respon-
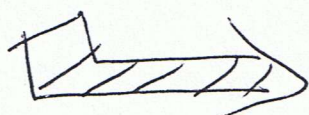sible for the following:

(a) The procedure swap

(b) From the procedure sort you
should only know the reasons for
which the procedure sort saves the
registers $ra, $s3, $s2, $s1, $s0 in
the stack.
   You are not responsible for anything
else from MIPS notes #5.

5) The Datapath of MIPS

6) The MIPS controller controlling the
~~datapath~~ datapath (both single cycle
and multi cycle)

7) Microprogramming; (I gave you a
hardcopy handout in class on this
topic).

Number of points for the final

The final will have 102 points. 100 points on materials and 2 bonus points

Bonus problem 1 (1 point): Was the final easy or difficult?

Bonus problem 2 (1 point): Was the given time enough?